

# Mouse Acvrl1/Acvrlk1/Alk-1 (Fc tag) recombinant protein



Catalog Number: 518588

## General Information

### Gene Name Synonym

Serine/threonine-protein kinase receptor R3, SKR3, Activin receptor-like kinase 1, ALK-1, TGF- $\beta$  superfamily receptor type I, TSR-I, ACVRL1, activin A receptor type II-like 1, activin A receptor

### Protein Construction

A DNA sequence encoding the Mouse Acvrl1/Acvrlk1/Alk-1 Asp23-Pro119 is expressed with a Fc tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

## Formulation

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of PBS, pH 7.4.

## Usage Guide

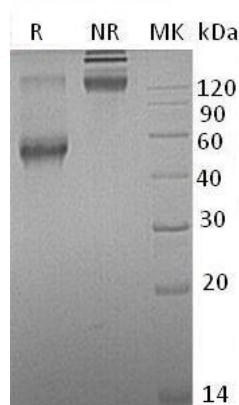
### Storage

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH $_2\text{O}$ . Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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